

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :  
Robert CAMPBELL et al. : Group Art Unit: TBA  
Divisional of Serial No. 09/359,260 : Examiner: TBA  
Filed: 5 March 2002 : Attn: Special Program Examiner  
For: METHODS, APPARATUS AND COMPUTER PROGRAM PRODUCTS FOR FORMULATING CULTURE MEDIA :

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to prosecution on the merits, kindly amend the following claims:

16. (Amended) A culture medium component identified by a method comprising the steps of:  
measuring first indicia of a property of a plurality of first culture media which each contains a respective first test compound from within a first test library;  
determining a relationship between at least one parameter of the first test compound and the measured first indicia of the property of the plurality of first culture media;  
determining a test requirement relating to the measured first indicia; and  
identifying a second test library containing a plurality of second test compounds as components of a plurality of second culture media which is based on the relationship are expected to provide second indicia of the property which meets the test requirement.

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55. (Amended) A culture media component identified by a method comprising the steps of:

defining a first test library by representing each of a plurality of groups of compound isomers from within a compound space as a respective candidate compound;

measuring first indicia of a property of a plurality of first culture media which each contains a respective first test compound from within the first test library;

determining a relationship between at least one parameter of the first test compounds and the measured first indicia of the property of the plurality of first culture media;

determining a test requirement relating to the measured first indicia; and

identifying a plurality of second test compounds from within the compound space as components of a plurality of second culture media which based on the relationship are expected to provide second indicia of the property which meets the test requirement.

113. (Amended) A culture medium component identified by a method comprising the steps of:

culturing a plurality of first cells cultured in a plurality of first culture media each containing a respective first compound from a first test library;

measuring first indicia of a property of the plurality of first culture media in the plurality of first cell cultures;

determining a relationship between the measured first indicia of the property and at least one parameter of the plurality of first culture media;

determining a test requirement relating to the measured first indicia; and

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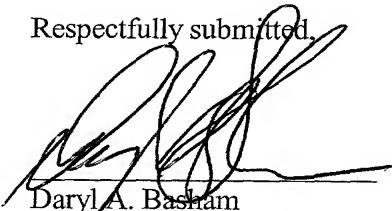
culturing a plurality of second cell cultures in a plurality of second culture media each containing a respective second test compound from a second test library;

wherein based on the relationship the plurality of second culture media containing the second test compounds are predicted to give indicia of the property that satisfy the test requirement.

**CONCLUSION**

Favorable consideration and early indication of allowance are solicited earnestly.

The Commissioner hereby is authorized to charge payment of any fees under 37 C.F.R. § 1.17 that may become due in connection with the instant application or credit any overpayment to Deposit Account No. 18-2220.

Respectfully submitted,  
  
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Reg. No. 45,869

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Dated: 05 March 2002

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of the  
Amended Claims  
for  
Divisional of 09/359,260**

16. (Amended) A culture medium component identified by a [the] method [of claim 1] comprising the steps of:

measuring first indicia of a property of a plurality of first culture media which each contains a respective first test compound from within a first test library;  
determining a relationship between at least one parameter of the first test compound and the measured first indicia of the property of the plurality of first culture media;  
determining a test requirement relating to the measured first indicia; and  
identifying a second test library containing a plurality of second test compounds as components of a plurality of second culture media which is based on the relationship are expected to provide second indicia of the property which meets the test requirement.

55. (Amended) A culture media component identified by a [the] method [of claim 41] comprising the steps of:

defining a first test library by representing each of a plurality of groups of compound isomers from within a compound space as a respective candidate compound;  
measuring first indicia of a property of a plurality of first culture media which each contains a respective first test compound from within the first test library;  
determining a relationship between at least one parameter of the first test compounds and the measured first indicia of the property of the plurality of first culture media;  
determining a test requirement relating to the measured first indicia; and

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identifying a plurality of second test compounds from within the compound space  
as components of a plurality of second culture media which based on the relationship are  
expected to provide second indicia of the property which meets the test requirement.

113. (Amended) A culture medium component identified by a [the] method [of claim 96] comprising the steps of:

culturing a plurality of first cells cultured in a plurality of first culture media each containing a respective first compound from a first test library;  
measuring first indicia of a property of the plurality of first culture media in the plurality of first cell cultures;

determining a relationship between the measured first indicia of the property and at least one parameter of the plurality of first culture media;

determining a test requirement relating to the measured first indicia; and  
culturing a plurality of second cell cultures in a plurality of second culture media each containing a respective second test compound from a second test library;

wherein based on the relationship the plurality of second culture media containing the second test compounds are predicted to give indicia of the property that satisfy the test requirement.

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INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97-1.98, Applicants hereby notify the Examiner of documents that may be deemed material to the examination of the above-identified application.

As the instant Information Disclosure Statement is being filed prior to issuance of a first Office Action on the merits, no certification under 37 C.F.R. §1.97(e) or fee under 37 C.F.R. §1.17(b) is required.

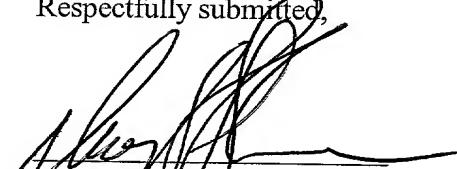
Further, as the documents listed in the 1449 were submitted in a prior application (U.S. Ser. No. 09/359,260) relied upon under 35 U.S.C. §120, copies of said listed documents are not required (See 37 C.F.R. §1.98(d)(1)).

Also, all of the documents are in English and therefore, no brief statement of relevance is required.

INFORMATION DISCLOSURE STATEMENT  
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Applicants do not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the instant application.

Respectfully submitted,



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